

# ENERGY

## Application: hydroelectric turbines



**SUPPLY:** Hydraulic power unit for Francis turbine control

**CHATACTERISTICS OF THE SYSTEM:**

- Power unit for block control operation and blades regulation
- Installed electric power 90KW
- Tank capacity 6000 litres
- Flow rate guaranteed by 2 screw pumps (1100 l/min in total)
- Servovalve in sandwich mounting on a 6-way flow diverter with integrated piloting and drainage
- 6-way flow diverter for fail-safe function in case of turbine overspeed (valve nominal flow rate 6000 l/min)
- Hydraulic connection through SAE 3000 4" flange

For more information on this application contact us at: [applications@duplomatic.com](mailto:applications@duplomatic.com)